

# ONDŘEJ VLACH

Web backend developer & DevOps engineer

## Languages

**PHP** (expert)  
**SQL** (expert)  
**Python** (intermediate)  
**Groovy** (intermediate)  
**JavaScript/ECMAScript** (intermediate)  
**Kotlin** (intermediate)  
**Rust** (intermediate)  
**Go (Golang)** (beginner)  
**Java** (beginner)  
**C++** (beginner)  
**C** (beginner)  
**Bash** (intermediate)

## Frameworks

**Rocket (rocket-rs)** (expert)  
**Nette** (intermediate)  
**Symfony** (intermediate)  
**React** (beginner)  
**Vue.js** (beginner)  
**Goyave** (beginner)

**tools:** Git, docker, docker compose, helm, iptables, ufw, kanidm, promtail, json-rpc, rest, nginx-ingress, calico, IPv6, make, sentry, heat, rebuild, pip, cargo, pyscaffold, platformio, OpenTelemetry, **operating systems:** Linux (any) - expert, Kairos (Linux) - master, NixOS (Linux) - master, Windows - beginner

## Work experience

### Senior PHP Developer

[PHP, Bash, JavaScript, Vue.js, AWS S3, MySQL, Symfony, Doctrine, Redis, Gitlab CI/CD, Elastic Search]

@SupportBox s.r.o.

08/2024 -  
until now

Development of a customer care tool (Symfony, Percona, AWS S3, Doctrine, Redis, Vue.js), implementation of support tools (Sentry), and improvement of containerization on the lab environment.

### DevOps Engineer

[PHP, Python, Bash, Puppet, Ansible, Groovy, Java, Docker, Kubernetes, OpenStack, Jenkins, Gitlab CI/CD, Grafana, Kibana, Sphinx, Docker, Elastic Search, MySQL, PostgreSQL, make, Redis, Memcache, Docker compose, Kustomize, Debian packages, PIP packages, CEPH, Heat]

@Nubium Development SE

2019 - 2024

Development of tools for deployment and management of development environments for the Uložto application (the largest Czech data storage), design and management of supporting production technologies (self-hosted Sentry, Jenkins, GitLab CI), development of tools for automatic creation of development environments (36 "full" development environments - web, CDN app (no files), databases (full obfuscated db/minimalistic db mode), support tools (Sentry, mailing, etc.)) on a "click." Writings tool for CD. Writing roles in Puppet, designing dashboards in Grafana, supporting development regarding infrastructure. Writing pipelines in GitLab and Jenkins related to environment creation, testing, packaging, creating Docker containers, etc. Working with OpenStack, Heat, Ceph. Gradual Kubernetes implementation.

## Technologies/Frameworks

**HTML** (expert)  
**CSS** (intermediate)  
**Elasticsearch** (intermediate)  
**Docker** (expert)  
**Kubernetes** (expert)  
**OpenStack** (intermediate)  
**Jenkins** (expert)  
**Gitlab CI/CD** (intermediate)  
**Gitea actions** (intermediate)  
**Helm** (intermediate)  
**Kustomize** (expert)  
**Puppet** (expert)  
**Ansible** (beginner)  
**ArgoCD** (intermediate)  
**Prometheus** (intermediate)  
**Grafana** (intermediate)  
**Loki** (intermediate)  
**Tempo** (intermediate)  
**Memcache** (expert)  
**Redis** (expert)  
**LDAP** (intermediate)

## Databases

**MySQL** (expert)  
**PostgreSQL** (intermediate)

[github.com/ovlach](https://github.com/ovlach)  
[git.nanobyte.cz/pohovor-public](https://git.nanobyte.cz/pohovor-public)  
[mastodonczech.cz/@narg](https://mastodonczech.cz/@narg)  
[ondrej@vlach.xyz](mailto:ondrej@vlach.xyz)  
[+420 778 017 002](tel:+420778017002)  
[vlach.xyz](https://vlach.xyz)

## About me

Age: 38 years

I am a backend web developer and DevOps engineer with extensive experience. I have been working in the field since 2004, starting as a PHP developer and gradually advancing to the role of DevOps engineer. During my career, I took a two-year break to work in the non-profit sector. Now, I have returned from the position of DevOps Engineer to programming. I have experience with technologies such as Jenkins, Gitlab CI/CD, Docker, Kubernetes, PHP, Rust, and others. In the past, I worked for companies like Uložto and ČTK, where I specialized in implementing applications for the general public as well as high-traffic applications. My goal is not only to address current development needs but also to bring in new technologies and efficient practices. Outside of work, I am passionate about 3D printing, enjoy programming, experimenting with new technologies, and constantly learning new things. Other interests of mine include sci-fi, reading, walks, and trips with my dog. My goal is to continually improve and bring innovations to my field.

## Work experience

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### PHP Developer

[@Nubium Development SE](#)

[PHP, Ruby, Python, Bash, vagrant, Jenkins, Gitlab, Ansible, Memcache, Redis, Make, MySQL, PostgreSQL, Sphinx] 2013 - 2019

Development of the Uložto application, development of payment systems (credit card payments, SMS payment), development of developer tools (packaging, git-bpf), deployment pipelines, vagrant boxes...

### Local director at non-profit organization

[@O.S. POMASZ](#)

[PHP, SOAP, CSS, HTML] 2010 - 2012

Ensuring the smooth operation of the branch, recruiting temporary workers, collecting financials from temporary workers and managing them, building relationships and negotiating with partners of the POMASZ Nonprofit Organization, handling administrative tasks, and participating in management. Simultaneously, developing the intranet and overall IT within the POMASZ non-profit Organization (computer management, designing technical solutions, etc.).

### PHP Developer a Zend Framework specialist

[@Internet Projekt a.s.](#)

[PHP, SOAP, CSS, HTML] 2009

Implementation of the core components for intranets and publicly accessible web apps for a large Czech energy company (RWE).

### PHP Developer and PostgreSQL specialist

[@ILIKETHIS! s.r.o](#)

[PHP, Perl, XML, SOAP, CSS, HTML] 2007 - 2008

Database design and system development for storing photos and metadata for a press agency (approximately 1,000,000 photos), development of a search engine, and implementation of synchronization between the internal client system and the new web system (SOAP). Development of procedures and consultations in PostgreSQL, data model design.

### Developer

[@ASW Systems s.r.o.](#)

[PHP, JavaScript, Java, XML, CSS, HTML, Linux] 2006 - 2007

Developing internal information system. Internal "webcore" framework (based on MVC) development. External web apps development.

### Developer

[@Radiokomunikace a.s.](#)

[PHP, JavaScript, Java, XML, CSS, HTML, Linux] 2005 - 2006

Developing internal information system (T-PIS)

### Junior Developer

[@Lundegaard s.r.o.](#)

[PHP, CSS, JavaScript, HTML, Linux] 2004

Web apps developer

## Freelance jobs

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### Freelance Developer & Consultant

[@myself](#)

2012 - 2023

External web developer consultant

### External consultant and developer

[@YAGAR s.r.o.](#)

[PHP, JavaScript, XSLT, XSL-FO, HTML, CSS, MySQL] 2007

Consultation in the design of applications, development of an application for processing payments and servicing an e-shop

### External consultant and developer

[@PragueDesign - Pavel Moravec](#)

[Python, Perl, PHP, JavaScript, XML, HTML, CSS, PostgreSQL] 2006

Optimization of the web application RSSMAD – Optimization of data structure, performance code optimization (in PHP), design and implementation of a component for downloading a large number of files in XML format (exports in RSS and Atom) from various web applications, followed by parsing and storage in a database